

ARTICLE APPEARED
ON PAGE 3A

USA TODAY
19 October 1983

Soviets 'shop' for our arms secrets

By John Hillkirk
USA TODAY

The Soviets are building their military by stealing vital secrets from the USA's own defense industry, government officials and military experts said Tuesday.

Detailed information about how our Minuteman missiles and other strategic forces are built to survive a nuclear strike are just the latest in a long line of secrets that reportedly could be duplicated by the Soviets.

A California engineer, James Durward Harper was charged Monday with making over \$250,000 since 1979 selling secrets to Polish spies.

"The Soviets have paid \$50 million to save \$100 billion in research and development in the last 10 years," said Miles Cosick, head of the Washington, D.C.-based Institute on Strategic Trade.

The Soviets also reportedly learned through Harper how to improve their own SS-13 missile silos which, according to the CIA, are near duplicates of U.S. Minuteman silos.

The Soviets have stolen and duplicated our heat-seeking missiles, AWACS radar planes and laser-based guidance systems, the CIA reported.

A hall of shame

Some of the best-known spies in USA history:

■ **Whittaker Chambers** — A confessed communist spy and chief government witness in the 1949 perjury trials of State Department official Alger Hiss — Chambers testified Hiss gave him U.S. military secrets in the 1930s.

■ **Julius and Ethel Rosenberg** — Executed on June 19, 1953 after being convicted of supplying the Soviets with

military intelligence secrets.

■ **Richard Mueller** — A West German turned Soviet spy, he helped mastermind the theft of \$10 million in microelectronics equipment and software from two California firms between 1976 and 1980.

■ **William Holden Bell** — Hughes Aircraft Co. engineer convicted of selling trade secrets to a Polish agent, including detailed information on the B-1 bomber.

■ **Christopher Boyce** — A TRW Systems Group employee in Southern California, he sold military secrets to Soviet agents in Mexico City.

Throughout the 1970s, "We were wide open (to technology theft)," said Stephen Bryan, deputy Secretary of Defense.

According to an FBI affidavit filed in the Harper case, a master shopping list of military secrets is prepared by Soviet officials in Moscow.

Harper is accused of working through his late wife, an employee of Systems Control

Technology Inc., in Mountain View, Calif.

The Soviets now know how much nuclear radiation or sheer force would be needed to disable or destroy our Minutemen, said John Shea, a defense analyst at Sierra Microsystems Inc., Tahoe City, Calif.

His lawyer said Tuesday that Harper was motivated by "the money and the thrill of it."